



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/587,403 | 06/05/2000 | Robert D Gardos | 81866.A | 9935 |

26021 7590 03/18/2004

HOGAN & HARTSON L.L.P.
500 S. GRAND AVENUE
SUITE 1900
LOS ANGELES, CA 90071-2611

EXAMINER

SEAL, JAMES

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

2135

DATE MAILED: 03/18/2004

5

Please find below and/or attached an Office communication concerning this application or proceeding.

SK

Office Action Summary

Application No.

09/587,403

Applicant(s)

GARDOS ET AL.

Examiner

James Seal

Art Unit

2135

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05 June 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 June 2000 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☒ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This Action is in response to applicant's correspondence of 05 June 2000.
2. Claims 1-15 are pending.

Drawings

3. This application, filed under former 37 CFR 1.60, lacks formal drawings. The informal drawings filed in this application are acceptable for examination purposes. When the application is allowed, applicant will be required to submit new formal drawings. In unusual circumstances, the formal drawings from the abandoned parent application may be transferred by the grant of a petition under 37 CFR 1.182.

Oath/Declaration

4. It does not identify the citizenship of each inventor.

It does not identify the city and either state or foreign country of residence of each inventor. The residence information may be provided on either on an application data sheet or supplemental oath or declaration.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-15 are rejected under 35 U.S.C. 102(e) as being anticipated by Waters US 6564216 A.

5. As per claim 1, the limitation of a domain management (Server Manager Figure 1, element 201) system is disclosed by Waters (Column 3, lines 18-27). The limitation for requesting authentication from the party seeking access to the domain management system is disclosed by Waters see Column 5, lines 8-12; Column 9, lines 45-47. The limitation of a domain identification means for accepting and confirming identity of a domain name to be an active domain name is disclosed by Waters Column 5, lines 19-58; Column 7, lines 16-19. The limitation of a means for updating information (in central database) and confirming update by means of a message (that is, IP address and configurationally information sent to the client) is disclosed by Waters Column 5, lines 32 – 35 and lines 41-47. Claim 1 is rejected.

6. As per claim 2, the limitation that the updating procedure (information change means) resides on a server of an accredited registrar is disclosed by Waters Column 5, lines 44-46. Claim 2 is rejected.

7. As per claim 3, the limitation that the updating procedure (information change means) can directly access a shared registry system is disclosed by Waters see figure 2. Note that a number of DNS servers and DHCP servers share a common central database. Claim 3 is rejected.

8. As per claim 4, the limitation that the updating procedure (information change means) resides on a server coupled to a second server capable of direct access to a shared register is disclosed by Waters (see Figure 2, note client can go through a

Art Unit: 2135

binding server or the DNS/DHCP servers to get to the server manager which then can go to the shared register (configuration database). Claim 4 is rejected.

9. As per claim 6, the limitation that the authoritative database (central database) is a shared registry system (see figure 2, element 204, note all updates for all DNS's are recorded in the central database). Claim 6 is rejected.

10. As per claim 7, the limitation of generating messages to acknowledging authentication of party seeking access to the domain management system, identifying active domain and issuing update requests is disclosed by Waters are performed by electronic messaging through the domain management system is disclosed by Waters Column 9, lines 5-18. Note this can include a graphics interface for user, or electronic messages for updating the central data base, validating user, or polling devices. Claim 7 is rejected.

11. As per claim 8, the limitation of a diagnostic utility engine (troubleshooter software) is disclosed by Water Column 9, lines 9-15. The operating system continually checks and analyzes the status of the system through electronic communication messages. Claim 8 is rejected.

12. As per claims 9-11, the limitation that the diagnostic utility performs troubleshooting on all parts of the system and report to the network administrator is disclosed by Waters Column 9, lines 5-35. Claims 9-11 are rejected.

13. As per claim 12, the limitation that the update engine resides on the accredited registrar (delta-logging facility in the central database Column 8, lines 23-24) is disclosed by Waters. Claim 12 is rejected.

Art Unit: 2135


14. As per claims 13-15, that the update software can reside on a server that directly access a shared registry, or on a server directly connected to a second server, or passing through a second server connected to the shared registry is disclosed by Waters see figure 2. Claim 13-15 are rejected.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to James Seal whose telephone number is 703 308 4562. The examiner can normally be reached on M-F, 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Vu can be reached on 703 305 4393. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



James Seal
AU 2135
12 March 2004